

A.2
12/28/95

Letter of Transmittal

BLACK & VEATCH Waste Science, Inc.

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To: Ms. Sheri Bianchin
United States Environmental Protection Agency
77 West Jackson Boulevard (HSRW-6J)
Chicago, Illinois 60604

Date: December 28, 1995
From: Steve Mrkvicka, BVWS
Project: American Chemical Services
Project No.: 71670
File: C.3

We are sending you: ☒ Attached ☐ Under separate cover via _____

☐ Preliminary Report

☐ Specifications

☐ Final Report

☐ Change Order

☒ Other: Review Comments

☐ Addendum

These items are transmitted:

☐ As requested

☒ For your information

☐ For your approval

☐ For review and comment

Remarks: Enclosed are BVWS' comments on Montgomery-Watson's 12/15/95 Dewatering/Barrier Wall Alignment
Pre-Design work plan, and 12/27/95 Upper and Lower Aquifer Investigation SOWs and SOPs.
Thank you for the opportunity to review these documents. If you have any questions, please do not
hesitate to contact me at 312/683-7849.

US EPA RECORDS CENTER REGION 5



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Signed: *SMrkvicka*

December 28, 1995

**Review Comments on Montgomery Watson's
Dewatering/Barrier Wall Alignment Pre-Design Work Plan, 12-15-95
American Chemical Services, Inc.**

Comment No. 1, Figures 2 and 4,

Figures 2 and 4 must be revised so that the dashed line that identifies the "approximate extent of contaminated soil" includes SB53 and AP-65 within its limits. As stated in the USEPA's Specific Comment 12, both soil probe SB53 and auger probe AP-65 contained oily waste.

Comment No. 2, Appendix D, Table 1,

The reporting limits presented in the table are for water not soil. Revise the table to include approximate reporting limits for soil. If necessary, assume a sample weight of 5 grams in the calculation.

**Review Comments on Montgomery Watson's
Upper Aquifer Investigation SOW and SOPs, 12-27-95
American Chemical Services, Inc.**

Comment No. 1, SOW, Page 5,

The samples collected near the residences are to be collected along Colfax Avenue, not between MW12 and MW18. The purpose of these sample locations is to determine the degree of contamination between the offsite containment area and the residences along Reder Road.

Comment No. 2, SOP, Groundwater Sampling Protocol, Page 2,

Polyethylene tubing should not be used for groundwater sampling due to the potential for the tubing to absorb volatile contaminants and contaminate samples. Although it is acceptable for a small piece of polyethylene tubing (i.e., < 1 foot) to be connected to the peristaltic pump rollers to facilitate change out of the tubing, the rest of the tubing should be comprised of teflon tubing.

Comment No. 3, SOP, Groundwater Sampling Protocol, Page 2,

Purge water must be considered contaminated until it is tested and found to contain concentrations below the values presented in the full list of groundwater contaminants (Table 7 presented in the ROD). Therefore, all purge water must be containerized onsite.

Comment No. 4, SOP, Groundwater Sampling Protocol, Page 8,

In Step C, Loading Procedure, revise the text to state "All standards, water samples, and the purge water for direct water purging..."